

CERTIFICATE OF ANALYSIS

Lithium Eluant for Amino Acid Analysis

Li292

Product: Lithium Eluant for Amino Acid Analysis

Part Number: Li292

Lot Number: 103033

Production Date: 23 MAR 2011

Expiration Date: 23 MAR 2013

Primary Application: Lithium-based amino acid analysis.

Acceptance Criteria:

1. pH = 2.91 ± 0.01 @ 25 ± 0.4 °C (Y/N)
2. Resolution:
 - Threonine/Serine $\geq 80\%$ (Y/N)
 - Asparagine/ Glutamic Acid $\geq 50\%$ (Y/N)
 - Glycine, Alanine, Citrulline $\geq 90\%$ (Y/N)
3. Elution time:
 - L-aspartic acid = 7.9 ± 0.5 min (Y/N)
4. Baseline: no peaks (Y/N)

Y
Y
Y
Y
Y
Y

Calibration Standard:

Lithium Calibration Standard, PN 1700-0170

Storage Conditions: Dry at 8 to 25 °C

Analysis Certified by: *Jim Murphy* **Date:** 30 MAR 2011

VP O&R
Title

Rev. 10, 04/11/2011

ACCEPTED
PICKERING LABORATORIES, INC.
QUALITY ASSURANCE